JC10 Rec'd PCT/PTO 2 1 JUL 2005

000FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE CUSTOMER NO. 22,852 **REV. 2/01T** ATTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES 09605.0012 DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION NO. **CONCERNING A FILING UNDER 35 U.S.C. 371** (If known, see 37CFR1.5) 542940 PRIORITY DATE CLAIMED INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PCT/EP2004/000584 23 January 2004 23 January 2003 TITLE OF INVENTION 4-AMINOTHIENO[2,3-d]PYRIMIDINE-6-CARBONITRILE DERIVATIVES AS PDE7 INHIBITORS APPLICANT(S) FOR DO/EO/US Emma TERRICABRAS BELART, Victor Manuel SEGARRA MATAMOROS, Julio ALVAREZ-BUILLA GOMEZ, Juan Jose VAQUERO LOPEZ, Jose Miguel MINGUEZ ORTEGA Applicant(s) herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a filing under 35 U.S.C 371. 1. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 2. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include 3. items (5), (6), (9) and (21) indicated below. 4. The US has been elected by the expiration of 19 months from the priority date (Article 31). A copy of the International Application as filed (35 U.S.C. 371 (c)(2)). 5. Ø  $\boxtimes$ is attached hereto (required only if not communicated by the International Bureau. has been communicated by the International Bureau. b. is not required, as the application was filed with the United States Receiving Office (RO/US). П c. An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). 6. is attached hereto. has been previously submitted under 35 U.S.C. 154 (d)(4). b. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)). 7.  $\boxtimes$ are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. b. have not been made; however, the time limit for making such amendments has NOT expired. c. Ø have not been made and will not be made. d. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 8. 9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT 10. Article 36 (35 U.S.C. 371 (c)(5)). Items 11 to 20 below concern document(s) or information included:  $\boxtimes$ Information Disclosure Statement under 37 CFR 1.97 and 1.98 11. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.  $\boxtimes$ A FIRST preliminary amendment. 13. 14. A SECOND or SUBSEQUENT preliminary amendment. 15. A Substitute specification. A change of power of attorney and/or address letter. 16. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. 17. 18. A second copy of the published international application under 35 U.S.C. 154 (d)(4). 19. A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4). X 20. Other items or information:  $\boxtimes$ Copy of cover page of International Publication No. WO2004/065391 A1 Copy of Notification of Missing Requirements. b. C.

U.S. APPLICATION NO. (If known, see 37CFR 1.5)			INTERNATIONAL APPLICATION NO.			ATTORNEY'S DOCKET	
10/542940 PCT/EP2004/000584						NUMBER 09605.0012	
21. A The following fees are submitted:						Applicant Use	Office Use Only
BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): \$300.00						\$300.00	
National Stage Search Fee\$500.00						\$500.00	
National Stage Examination Fee\$200.00						\$200.00	
ENTER APPROPRIATE BASIC FEE AMOUNT =						\$1000.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence							
listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.							
Total Sheets	E	xtra Sheets	Number of additional 50 or fraction thereof (rounded up to a whole number		Rate		
120 - 100 =		20/50=	1		x 250.00	\$250.00	
Surcharge of \$130.00 for furnishing the oath of					□ 30	\$	
months from the earliest claimed priority date (37 CFR 1.492 (e)).							
CLAIMS		IBER FILED	NUMBER EXTRA	RA			
Total Claims	18	- 20 = -3 =	0	x \$50 x \$20		\$	
Independent Claims		L	1.			\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) +\$360.00							
						\$1250.00	
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.						\$	
						\$1250.00	
Processing fee of \$130.00 for furnishing the English translation later than months from the earliest priority date (37 CFR 1.492(f)).						\$	
TOTAL NATIONAL FEE =						\$ 1250.00	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.						\$	
TOTAL FEES ENCLOSED =						\$ 1250.00	
						Amount to be refunded:	\$
						charged:	\$
a. \( \text{\tint{\text{\tinite\text{\text{\text{\text{\text{\text{\text{\text{\text{\tex{\tex						ondigod.	1
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.							
c. 🛮 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to							
Deposit Account No. <u>06-0916.</u> A duplicate copy of this sheet is enclosed.  d.   Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card							
information should not be included on this form. Provide credit card information and authorization on PTO-2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.  SEND ALL CORRESPONDENCE TO:							
Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.  901 New York Avenue, NW  STONATURE						~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
Washington, D.C. 20001-4413  Anthony C. Tridico, Reg. No. 45,95						<b>5</b> 8	
NAME/REGISTRATION NO						· ·	
DATED: July 21, 2005							